

I claim:

- 1) A device for cleaning surfaces, the device comprising:
 - A) a primary moving surface having a first portion adapted to be normally disposed substantially in contact with a surface to define an area of contact and a second portion adapted to be normally disposed out of contact with the surface;
 - B) a secondary moving surface which substantially contacts and said second portion of said primary surface;
 - C) a mechanism for powering said primary and secondary surfaces.
- 2) The claim of 1 where said primary surface is comprised of standing fibers.
- 3) The claim of 2 where said fibers have a directional bias.
- 4) The device of claim 1 where said second surface moves in a direction opposite that of said primary surface.
- 5) The device of claim 1 also including a powered fan impeller.
- 6) The device of claim 1 also including a vacuum fan inlet.
- 7) The device of claim 1 wherein said mechanism for powering said primary and said secondary surfaces is an electric motor.
- 8) The device of claim 1 wherein said mechanism for powering said primary and said secondary surfaces is an air turbine motor.

9) A device for cleaning surfaces, the device comprising:

- A) a primary moving surface comprised of fibers which have a directional bias having a first portion adapted to be normally disposed substantially in contact with a surface to define an area of contact and a second portion adapted to be normally disposed out of contact with the surface to be cleaned;
- B) a secondary moving surface which substantially contacts and said second portion of said primary surface;
- C) a mechanism for powering said primary and secondary surfaces.

10) The device of claim 9 wherein said second surface moves in a direction opposite that of said primary surface.

11) The device of claim 9 also including a powered fan impeller.

12) The device of claim 9 also including a vacuum fan inlet.

13) The device of claim 9 wherein said mechanism for powering said primary and said secondary surfaces is an electric motor.

14) The device of claim 9 wherein said mechanism for powering said primary and said secondary surfaces is an air turbine motor.

15) A device for cleaning surfaces, the device comprising:

- A) a primary moving surface comprised of fibers which have a directional bias having a first portion adapted to be normally disposed substantially in contact with a surface to define an area of contact and a second portion adapted to be normally disposed out of contact with the surface to be cleaned;

- B) a secondary moving surface which substantially contacts and said second portion of said primary surface;
- C) a mechanism for powering said primary and secondary surfaces wherein said secondary surface moves at a surface velocity different than that of said primary surface.

16) The device of claim 15 wherein said different surface velocity is different in its component of direction.

17) The device of claim 15 wherein said different surface velocity is different in its component of speed.

18) The device of claim 15 also including a powered fan impeller.

19) The device of claim 15 also including a vacuum fan inlet.

20) The device of claim 15 wherein said mechanism for powering said primary and said secondary surfaces is an air turbine motor.